

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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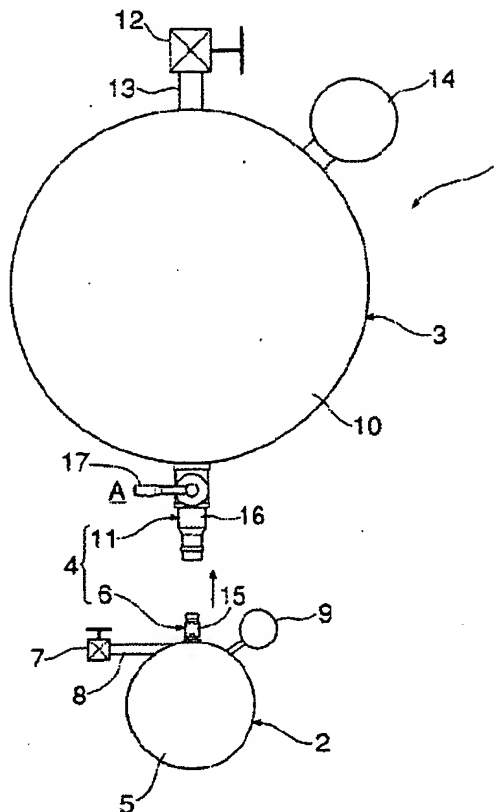
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APPLICANT : HONDA MOTOR CO LTD;

INVENTOR : HOSOE MITSUYA;

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TITLE : SYSTEM FOR PRODUCING  
HIGH-PRESSURE HYDROGEN



ABSTRACT : PROBLEM TO BE SOLVED: To provide a system for producing high-pressure hydrogen in which high-pressure hydrogen is obtained at a low cost.

SOLUTION: The system 1 for producing high-pressure hydrogen comprises a hydrogen generator 2 into which water and a hydrogen-generating material which reacts with water to generate hydrogen are charged after they are weighed so that target high-pressure hydrogen is obtained, a hydrogen reservoir 3 which stores high-pressure hydrogen from the hydrogen generator 2, and a connecting member 4 which connects the hydrogen generator 2 to the hydrogen reservoir 3 in a process for introducing hydrogen from the generator 2 into the reservoir 3 to fill the reservoir 3 with high-pressure hydrogen and separates the generator 2 from the reservoir 3 after filling the reservoir 3 with high-pressure hydrogen.

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